U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875 OTHER THAN APPLICATION AS FILED - PART I OR SMALL ENTITY SMALL ENTITY (Column 1) (Column 2) NUMBER FILED NUMBER EXTRA RATE (\$) FOR RATE (\$) FEE (\$) BASIC FEE (37 CFR 1.16(a), (b), or (c)) SEARCH FEE (37 CFR 1.16(k), (i), or (m)) **EXAMINATION FEE** (37 CFR 1.16(o), (p), or (q)) TOTAL CLAIMS minus 20 = (37 CFR 1.16(i)) INDEPENDENT CLAIMS minus 3 = (37 CFR 1.16(h)) If the specification and drawings exceed 100 sheets of paper, the application size fee due APPLICATION SIZE ' is \$250 (\$125 for small entity) for each FEE (37 CFR 1.16(s)) additional 50 shests of fraction the security rive of the designation of the state of the THE MICHIGAN TO STREET 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(I)) * If the difference in column 1 is less than zero, enter "0" in column 2. TOTAL TOTAL APPLICATION AS AMENDED - PART II OTHER THAN OR (Cotumn 1) (Column 2) (Column 3) SMALL ENTITY SMALL ENTITY CLAIMS HIGHEST REMAINING PRESENT RATE (\$) ADDI-TIONAL NUMBER RATE (\$) ADDI-**AFTER PREVIOUSLY EXTRA** TIONAL ENT MENDMENT PAID FOR FEE (\$) FEE (\$) Total (37 CFR 1.16()) Minus ENDM OR Minus Independent (37 CFR 1.16(h)) ÒR Application Size Fee (37 CFR 1.16(s)) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(J)) OR TOTAL TOTAL: OR ADD'L FEE ADD'L FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING NUMBER PRESENT RATE (\$) ADDI-RATE (\$) ADDI-Ω AFTER PREVIOUSLY **EXTRA** TIONAL TIONAL ENT AMENDMENT FEE (\$) PAID FOR FEE.(\$) Total (37 CFR 1.16()) Minus ENDM OR Independent (37 CFR 1.16(h)) Minus OR Application Size Fee (37 CFR 1.16(s)) FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(J)) OR TOTAL OR ADD'L FEE ADD'L FEE

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
 If the "Highest Number Previously Pald For" IN THIS SPACE is less than 20, enter "20". "" If the "Highest Number Previously Paid For IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 Application or Docket Number D O O O O O O O O O O O O												per ,
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PATENT APPLICATION FEE DETERMINATION RECORD 11630939 Effective January 1, 2003 **CLAIMS AS FILED - PART I** SMALL ÉNTITY OTHER THAN TYPE [SMALL ENTITY (Column 1) (Column 2) OR TOTAL CLAIMS RATE FEE RATE FEE BASIC FEE BASIC FEE 750.00 NUMBER FILED 375.00 FOR NUMBER EXTRA OR TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18= OR INDEPENDENT CLAIMS minus 3 = X84= X42= OR MULTIPLE DEPENDENT CLAIM PRESENT +280= +140= OR If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL OR TOTAL AIMS AS AMENDED - PART II OTHER THAN **SMALL ENTITY** SMALL ENTITY OR (Column 3) (Column 1) (Column 2) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL RATE TIONAL RATE PREVIOUSLY ENDMENT AFTER **EXTRA** FEE AMENDMENT PAID FOR FEE Total Minus X\$ 9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT TIONAL TIONAL RATE RATE PREVIOUSLY AFTER **EXTRA** ENDMENT **AMENDMENT** PAID FOR FEE FEE Minus Total X\$18= X\$ 9= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +280= +140= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT RATE TIONAL TIONAL AFTER **PREVIOUSLY** EXTRA RATE AMENDMENT AMENDMENT PAID FOR FEE FEE Total Minus X\$18= X\$ 9= OR Minus Independent X84= X42= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD Effective January 1, 2003 10630939 **CLAIMS AS FILED - PART I** SMALL ÉNTITY OTHER THAN (Column 2) (Column 1) TYPE [SMALL ENTITY OR **TOTAL CLAIMS** RATE FEE RATE FEE OR BASIC FEE NUMBER FILED FOR BASIC FEE **NUMBER EXTRA** 375.00 750.00 TOTAL CHARGEABLE CLAIMS minus 20= X\$ 9= X\$18=OR INDEPENDENT CLAIMS minus 3 = X42 =X84= OR MULTIPLE DEPENDENT CLAIM PRESENT +140= +280= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL TOTAL OR **CLAIMS AS AMENDED - PART II** OTHER THAN SMALL ENTITY OR SMALL ENTITY (Column 1) (Column 3) (Column 2) CLAIMS HIGHEST ADDI-ADDI-4 REMAINING NUMBER PRESENT RATE TIONAL RATE TIONAL AMENDMENT **AFTER PREVIOUSLY EXTRA** AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-ADDI-REMAINING NUMBER PRESENT **AMENDMENT** RATE TIONAL **AFTER PREVIOUSLY** RATE TIONAL **EXTRA** AMENDMENT PAID FOR FEE FEE Total Minus X\$ 9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST ADDI-REMAINING ADDI-NUMBER PRESENT ENT **AFTER PREVIOUSLY** RATE TIONAL RATE TIONAL **EXTRA AMENDMENT** PAID FOR FEE FEE ENDM Total Minus X\$ 9= X\$18= OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +140= +280= OR * If the entry in column 1 is less than the entry in column 2, write "0" in column 3, ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20," ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." TOTAL TOTAL ADDIT. FEE ADDIT, FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Application or Docket Number